

REMARKS

The Specification has been amended to include sequence identification numbers which were omitted at the time of filing.

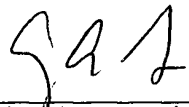
Attached hereto is a marked-up version of changes made to the Specification by the current amendment. The attached page is captioned "Version with markings to show changes made.".

The undersigned hereby states that the computer readable form copy (CRF copy) of the Sequence Listing and the paper copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.825(a) and (b), respectively, are the same and contain no new matter. Accordingly, entry of the Sequence Listing into the above-captioned case is respectfully requested.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 300622005210. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

Dated: March 15, 2002
By:



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

Paragraph beginning at page 13, line 3, has been amended as follows:

The OlePKS expression plasmid pKOS098-4 was constructed by replacing the *eryAI-AIII* genes between the *Nde* I and *Eco*RI sites of pKAO127'kan' (Ziermann *et al.*, *supra*) with the *oleAI-AIII* genes. A 15.2-kb *Nsi* I-*Eco*R I fragment containing *oleAI* and a portion of *oleAII* from cosmid pKOS055-5 was subcloned into a vector containing an *Nde* I site 3 nucleotides (nt) from the 5' terminus of the *Nsi* I site to generate pKOS039-116. The 15.2-kb *Nde* I-*Eco*R I fragment was then subcloned into another vector containing a *Pac*I site 15 nt from the 5' terminus of the *Nde* I site resulting in pKOS039-110. This generated the following sequence upstream of the *Nsi* I site in *OleAI* (*Pac* I and *Nsi* I sites are underlined, *Nde* I site is in bold): 5'-TTAATTAAGGAGGACCATATGCAT-3' (SEQ ID NO:1). The 15.2 kb *Pac* I-*Eco*R I fragment from pKOS039-110 was then cloned into the corresponding sites of pKAO127'kan' to yield pKOS038-174.

Paragraph beginning at page 13, line 24, has been amended as follows:

The *oleP* gene was PCR amplified using the following oligonucleotide primers (forward, 5'-TTTCATATGGTGACCGATACGCACACCGGA-3' (SEQ ID NO:2), reverse, 5'-TTTGAATTCTCACCAGGAGACGATCTGGCG-3') (SEQ ID NO:3). After subcloning in PCRScript (Stratagene), the *Nde* I-*Eco*RI fragment containing *oleP* was isolated and cloned into pSET152-based plasmid pKOS010-153 (see Xue *et al.*, *A multi-plasmid approach to preparing large libraries of polyketides*, *Proc. Natl. Acad. Sci. USA* 96: 11740-11745, 1999, incorporated herein by reference) replacing the *Nde* I-*Eco*R I *eryAIII* gene fragment to yield pKOS024-83.

COPY

Docket No.: 300622005210	Atty: Carolyn A. Favorito
Serial No.: 09/991,448	Filing Date: November 16, 2001
Title: PRODUCTION OF 8,8A-DIHYDROXY-6-DEOXYERYTHRONOLIDE B	
Date of Mailing: March 15, 2002 via First Class Mail	

Papers enclosed herewith:

1. Copy of Notice to File Missing Parts of Nonprovisional Application (2 pages);
2. Response to Notice to File Missing Parts (4 pages);
3. Paper copy of Sequence Listing (2 pages);
4. Sequence Listing on CD-R;
5. Return postcard

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